Index of Claims



Application/Control No.

09/673,871

Examiner

Yong S. Chong

Applicant(s)/Patent under Reexamination

MARTI ET AL.

Art Unit

1617

| <b>√</b> | Rejected |
|----------|----------|
| II       | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Claim  |          |          | L       |          |          |          |  | J  |              | ш            | -         |          |          |          |                |          |           | l        | 1                  |          |          |          |       |          |              | L        |                 |          |                 |
|--|----------|----------|---------|----------|----------|----------|--|--|--------------|--------------|-----------|----------|----------|----------|----------------|----------|-----------|----------|--------------------|----------|----------|----------|-------|----------|--------------|----------|-----------------|----------|-----------------|
| 1  | Cla      | aim      |         |          |          |          | Date   | e _  |              |              |           | Cla      | im       |          |                |          | C         | ate      | ;                  |          | _        |          | Cla   | aim      |              |          |                 | _ [      | ate             |
| 2  | Final    | Original | 2/12/07 |          |          |          |  |  |              |              |           | Final    | Original | 2/12/07  |                |          |           |          |                    |          |          |          | Final | Original |              |          |                 |          |                 |
| 2  |          | 1        | -       |          |          |          |  | H  | <del> </del> | H            | $\dashv$  | -        | 51       | N        | -              |          |           | -        | -                  | +        | 十        | -        | -     | 101      |              | Н        | H               | -        | +               |
| 4  |          |          | -       |          |          |          | -  | _  |              |              |           |          |          |          |                |          |           |          |                    | ヿ        |          |          |       | 102      |              | П        |                 |          |                 |
| 5  |          | 3        | -       |          |          |          |  |  |              |              |           |          |          | N        |                |          |           |          |                    |          |          |          |       | 103      |              |          |                 |          |                 |
| 6  |          |          | -       |          |          |          |  |  |              |              |           |          |          | 1        |                |          |           |          |                    |          |          |          |       | 104      |              |          |                 |          |                 |
| 7  | <u></u>  |          | -       |          |          |          |  |  | ļ            |              |           | L        |          | 1        |                |          |           |          | $\perp \downarrow$ | _        |          |          |       | 105      |              |          | Ш               |          |                 |
| 8  | <u> </u> |          |         | _        |          |          |  | L  | _            | _            | _         |          |          |          | _              |          |           |          |                    | _        |          | _        |       | 106      |              | Ш        |                 | _        | $\dashv$        |
| 9  |          | -        | -       |          |          |          |  | _  | ļ            | _            | 4         |          |          | <b>!</b> | <u> </u>       | Н        |           |          |                    | 4        | 4        | _        |       | 107      | ┡            | $\vdash$ | $\vdash$        | _        | $\dashv$        |
| 10   |          |          | _       |          |          |          |  |  |              | $\vdash$     |           | -        |          |          | <u> </u>       | Н        |           |          | -                  | -+       |          |          |       | 108      |              | $\vdash$ | Н               | $\dashv$ | +               |
| 11   |          |          |         |          |          |          |  | -  | ļ —          | $\vdash$     | _         | -        |          | V /      | _              | Н        | -         |          | $\dashv$           | $\dashv$ |          | _        | -     | 109      |              | Н        | Н               | $\dashv$ |                 |
| 12   | <u> </u> |          | -       |          |          |          |  | $\vdash$   | -            | -            | -         |          |          |          | -              | Н        | -         |          |                    | $\dashv$ | -+       | _        | -     | 110      | ⊢            | $\vdash$ | $\vdash$        | $\dashv$ | +               |
| 13   |          |          | -       |          |          |          |  | ┢  | -            |              | $\dashv$  | -        |          | j        | -              | Н        | -         |          |                    | -+       | +        |          | -     | 112      | -            | $\vdash$ | $\vdash$        | $\dashv$ | +               |
| 14   | <b>—</b> |          |         |          |          |          |  | <del>                                     </del> |              |              | _         | -        |          | Ì        |                | Н        |           |          |                    | $\dashv$ |          |          | -     | 113      | -            | Н        | H               | -        | +               |
| 15 -   |          |          |         | _        | -        |          |  |  | t            | П            | $\exists$ |          |          |          |                | H        | -         |          | -                  | +        | 7        |          |       | 114      |              | H        | Н               |          | +               |
| 16 -   |          |          |         |          |          |          |  | <del>                                     </del> | 1            |              |           |          |          |          |                | П        | $\neg$    |          | $\neg$             | $\neg$   | $\dashv$ |          |       | 115      |              | П        | П               |          | $\neg$          |
| 18   |          | 16       | -       |          |          |          |  |  |              |              |           |          | 66       |          |                |          |           |          | $\neg$             | T        |          |          |       | 116      |              |          |                 |          |                 |
| 19   V     10   10   10   10   119   120   120   121   121   122   122   123   123   123   123   124   125   126   126   126   126   126   127   127   128   128   128   129   V   129   130   130   130   131   V   131   131   131   131   131   133   133   133   V   133 |          |          | -       |          |          |          |  |  |              |              |           |          |          | 1        |                |          |           |          |                    |          |          |          |       | 117      |              |          |                 |          |                 |
| 120   121   122   123   123   123   123   123   123   124   125   125   125   126   127   127   127   128   129   130   130   131   131   131   131   131   131   132   133   134   134   135   136   136   136   136   137   137   138   138   139   140   141   141   142   N   141   142   N   144   N   144   145   N   148   N   149   N  |          |          |         |          |          |          |  |  |              |              |           |          | 68       |          |                |          |           |          |                    |          |          |          |       | 118      |              |          |                 |          |                 |
| 21 -   | L        |          |         | _        |          |          |  |  |              |              |           |          |          | L        |                | Ш        |           |          |                    |          | $\perp$  |          |       | 119      |              |          | Ш               |          | $\perp$         |
| T2   | <u> </u> |          | -       |          |          |          |  |  | _            |              | _         |          | 70       | L        | <u> </u>       | Ш        | _         | $\Box$   | _                  | _        | _        | _        |       | 120      | $oxed{oxed}$ | Щ        | Ш               | _        |                 |
| Table   Tabl | <u> </u> |          |         |          |          |          |  |  | <u> </u>     | L.           | _         |          |          |          |                | _        |           |          |                    | _        | _        | _        |       | 121      |              |          | Ш               |          | $\dashv$        |
| Table   Tabl | <b></b>  |          |         |          |          |          |  | _  | _            | ļ            | _         |          | 72       |          | _              | $\vdash$ | _         |          | _                  | _        | 4        | 4        |       | 122      |              | Ш        |                 | _        | $\dashv$        |
| 75   | <u></u>  |          |         |          |          |          |  | -  | <u> </u>     | <u> </u>     | _         |          | 73       | _        | L              | Н        |           |          |                    |          |          | 4        |       | 123      | _            | -        | $\vdash$        |          |                 |
| 126  | <u> </u> |          |         |          | _        |          | _  | -  | -            | -            | -         | -        |          | -        |                | $\vdash$ |           |          |                    |          | -        | -        | -     | 124      | -            | H        | $\vdash$        | -        |                 |
| 127  | -        |          |         |          |          |          |  |  | ├            | <b>.</b>     | ႕         | -        | 75       | $\vdash$ | -              | Н        | -         |          |                    |          | $\dashv$ | -        | -     | 125      | -            | Н        | Н               | -        | -+-             |
| Text   |          |          |         | _        |          |          | -  | -  | -            |              | -         | -        | 77       | -        | <del>  -</del> | $\vdash$ | $\dashv$  |          |                    | $\dashv$ | $\dashv$ | $\dashv$ |       | 127      | H            | Н        |                 |          | +               |
| 79   |          |          | —       |          | _        |          |  | <del>                                     </del> | ╁╌           |              | -1        | _        |          | ┢        | $\vdash$       | Н        | $\dashv$  |          | $\dashv$           | $\dashv$ | $\dashv$ | $\dashv$ | -     |          | $\vdash$     | -        | Н               | _        | +               |
| 30   \forall   |          |          |         |          |          |          |  |  | 1            |              | $\dashv$  |          |          | t        | $\vdash$       | Н        |           |          |                    | 寸        | 7        | 1        |       | 129      | T            |          |                 |          | $\top$          |
| 31   \forall   |          |          |         |          |          |          |  |  | 1            |              | 7         |          |          | T        |                |          |           |          |                    | 寸        | 寸        | 1        |       | 130      | $\Box$       | $\neg$   | П               |          |                 |
| 32   \forall   |          | 31       | 1       |          |          |          |  |  |              |              |           |          | 81       | Г        |                |          |           |          |                    | 寸        | T        |          |       | 131      |              |          |                 |          |                 |
| 34   |          |          |         |          |          |          |  |  |              |              |           |          |          |          |                |          |           |          |                    |          |          |          |       | 132      |              |          |                 |          |                 |
| 35   V   |          |          |         |          |          |          |  |  |              |              |           |          |          |          |                |          |           |          |                    | $\Box$   | $\perp$  |          |       | 133      |              |          |                 |          |                 |
| 36 N   86     37 N   137     38 N   88     39 N   90     40 N   91     41 N   91     42 N   92     43 N   93     44 N   94     45 N   95     46 N   96     47 N   97     48 N   98     139   140     140   141     92   142     143   143     144   144     145   145     146   147     148   148     49 N   149   |          |          |         |          |          |          | L  |  | $\perp$      | $\Box$       |           |          |          | $\Box$   |                |          |           |          |                    | [        | [        | _        |       | 134      | <u> </u>     | igsqcup  | Ш               |          | ot              |
| 37 N   87   137     38 N   88   138     39 N   90   140     41 N   91   141     42 N   92   142     43 N   93   143     44 N   94   144     45 N   95   145     46 N   96   146     47 N   97   147     48 N   99   149  | <u></u>  |          |         | _        |          |          | <u> </u>   | <u> </u>   | ـــــ        | $oxed{oxed}$ | _         | L.       |          | <u> </u> |                | Щ        |           | Щ        | 4                  | _        | _        | 4        |       | 135      | <u> </u>     | igspace  | Ш               |          | $\vdash$        |
| 38 N   88     39 N   90     40 N   91     41 N   91     42 N   92     43 N   93     44 N   94     45 N   95     46 N   96     47 N   97     48 N   98     49 N   149   | <u> </u> |          |         | $\vdash$ |          |          | <u> </u>   | <u> </u>   | ╀-           | <u> </u>     | _         | ļ        |          | <u> </u> | <u> </u>       | Ш        | _         | Щ        | $\dashv$           | _        | -        | 4        |       | 136      | <u> </u>     | $\vdash$ | $\vdash \vdash$ | Щ        | $\vdash \vdash$ |
| 39 N   89     40 N   90     41 N   91     42 N   92     43 N   93     44 N   94     45 N   95     46 N   96     47 N   97     48 N   98     49 N   149   | $\vdash$ |          |         | <u> </u> | $\vdash$ |          | <u> </u>   | <b>—</b>   |              | -            | $\dashv$  | <u> </u> |          | ├-       | $\vdash$       | Н        | _         |          |                    | $\dashv$ | $\dashv$ | 4        |       |          | ├-           | <u> </u> | $\vdash$        |          | $\vdash$        |
| 40   N   90   140   141   141   142   142   143   143   144   144   145   145   145   145   146   147   148   148   149   N   99   149   | -        |          |         | <u> </u> | -        | $\vdash$ | ├-   | <u> </u>   | <del> </del> | -            | $\dashv$  | -        |          | ├-       | $\vdash$       | H        | _         | $\vdash$ | $\dashv$           | $\dashv$ | -+       | $\dashv$ |       |          | ├—           | <u> </u> | $\vdash$        | Н        | $\vdash \vdash$ |
| 41 N 91   42 N 92   43 N 93   44 N 94   45 N 95   46 N 96   47 N 97   48 N 98   49 N 99   141 142   142 143   143 144   144 144   95 145   146 146   147 147   148 148   149 149   | <b>—</b> |          |         | ⊢        |          | —        | $\vdash$   | ⊢  | +-           | $\vdash$     |           | -        |          | ├        | $\vdash$       | Н        | -         | $\vdash$ | $\dashv$           | +        | $\dashv$ | 4        | -     |          | $\vdash$     | ⊢        | $\vdash$        | $\vdash$ |                 |
| 42 N 92   43 N 93   44 N 94   45 N 95   46 N 96   47 N 97   48 N 98   49 N 99   142   143   144   145   146   147   148   149  | <b>—</b> |          |         | ├        | -        | -        | -  | -  | +            | -            | $\dashv$  |          |          | $\vdash$ | $\vdash$       | $\vdash$ | -         | $\vdash$ |                    | $\dashv$ | $\dashv$ | $\dashv$ |       |          | $\vdash$     | -        | $\vdash \vdash$ | $\vdash$ | $\vdash$        |
| 43 N 93   44 N 94   45 N 95   46 N 96   47 N 97   48 N 98   49 N 99  | <u> </u> |          |         | ┢        |          |          | <del>                                     </del> |  | +            | -            | $\dashv$  | -        |          | $\vdash$ | ╁              | Н        | -         | Н        | -                  | -        | $\dashv$ | $\dashv$ | -     |          | $\vdash$     | $\vdash$ | H               |          | $\vdash$        |
| 44 N 94   45 N 95   46 N 96   47 N 97   48 N 98   49 N 99  |          |          |         | $\vdash$ |          | Т        | Т  | Т  | †            | $\vdash$     | $\dashv$  | <u> </u> |          | $\vdash$ | $\vdash$       | Н        |           | Н        | $\dashv$           | $\dashv$ | $\dashv$ | $\dashv$ |       |          | t            | $\vdash$ | Н               |          | o               |
| 45 N 95   46 N 96   47 N 97   48 N 98   49 N 99  |          |          |         | m        | _        |          |  | Г  | t            |              | $\neg$    |          |          |          | Т              | Н        | $\exists$ | Н        |                    | $\dashv$ | 十        | $\neg$   |       |          | Т            | Г        | П               |          | $\sqcap$        |
| 46 N   |          |          |         | T        |          |          |  |  | 1            | П            | $\dashv$  |          |          | Т        | Г              | П        | $\neg$    | Н        | $\dashv$           | ┪        | $\dashv$ | $\neg$   |       |          | Г            | Г        | П               |          | $\sqcap$        |
| 47 N   97   147   148   149 N   99   149 |          |          |         |          |          |          |  |  |              |              |           |          |          | Г        |                |          |           |          |                    |          |          |          |       | 146      |              |          |                 |          |                 |
| 49 N 99 149 149  |          |          | N       |          |          |          |  |  |              |              |           |          | 97       |          |                |          |           |          |                    |          |          |          |       | 147      |              |          |                 |          |                 |
|  |          |          |         |          |          |          |  |  |              |              |           |          | 98       | L        |                |          |           |          |                    | コ        |          |          |       |          |              |          |                 |          |                 |
|  |          |          |         |          |          |          | Ĺ  | 匚  | $\Box$       |              |           |          |          |          |                |          |           |          |                    |          | $\Box$   |          |       |          | $\Box$       |          |                 |          | $\Box$          |
|  |          | 50       | N       | L_       | L        | لــــا   | L_   | L  |              |              |           |          | 100      |          |                | L_]      |           |          |                    |          |          |          |       | 150      |              | L        |                 |          |                 |